

---

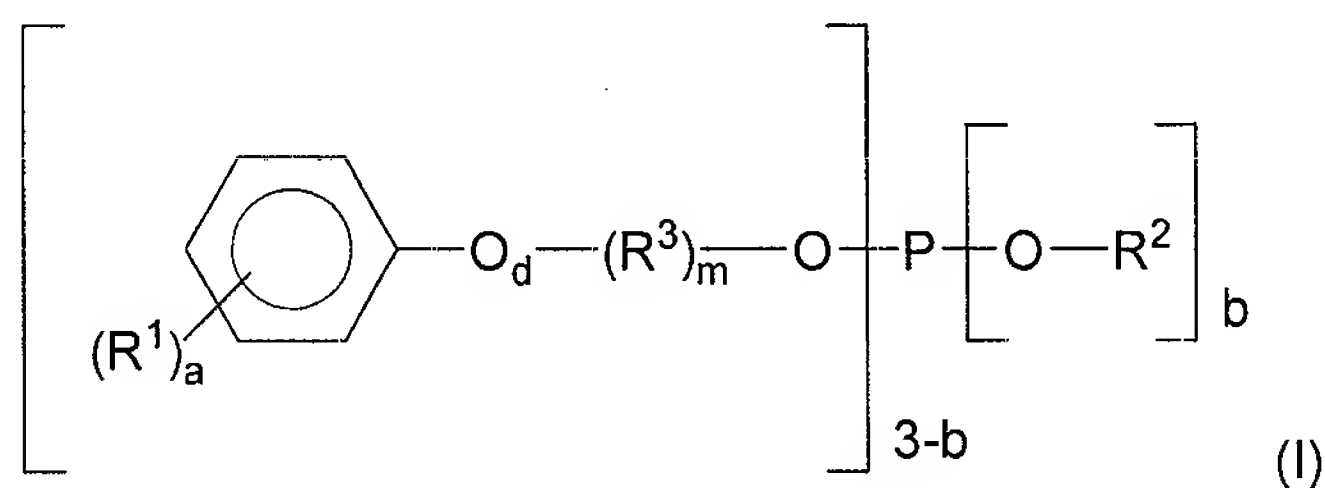
***In the Claims***

---

This listing of claims will replace all prior versions, and listings, of claims in the application:

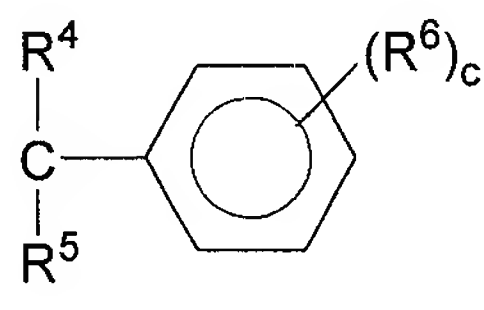
Listing of Claims:

1. (previously presented) A process for reducing phenol emissions from a polymer resin comprising the step of adding at least one phosphite additive of formula (I) to said resin, wherein said formula (I) comprises:



wherein

R<sup>1</sup> is



R<sup>2</sup> is selected from the group consisting of C<sub>8-16</sub> alkyls;

R<sup>3</sup> is selected from the group consisting of C<sub>1-4</sub> alkylenes;

m is 1;

a is an integral value ranging from 1 to 4 inclusive;

b is an integral value ranging from 1 to 2 inclusive; and

R<sup>4</sup> and R<sup>5</sup> are independently selected from the group consisting of C<sub>1-3</sub> alkyls;

R<sup>6</sup> is selected from the group consisting of C<sub>8-12</sub> alkyls and C<sub>8-12</sub> alkoxy compounds;

c is an integral value ranging from 0 to 4 inclusive; and

d is equal to m.

2. (previously presented) The process of claim 1 wherein

$R^2$  is  $C_{10}H_{21}$ ;

$R^3$  is selected from the group consisting of ethylene and propylene;

a is 1;

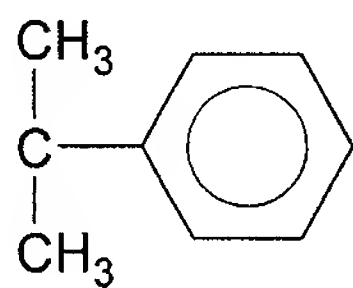
$R^4$  and  $R^5$  are methyl;

c is 0; and

d is 1.

3. (original) The process of claim 2 wherein

$R^1$  is

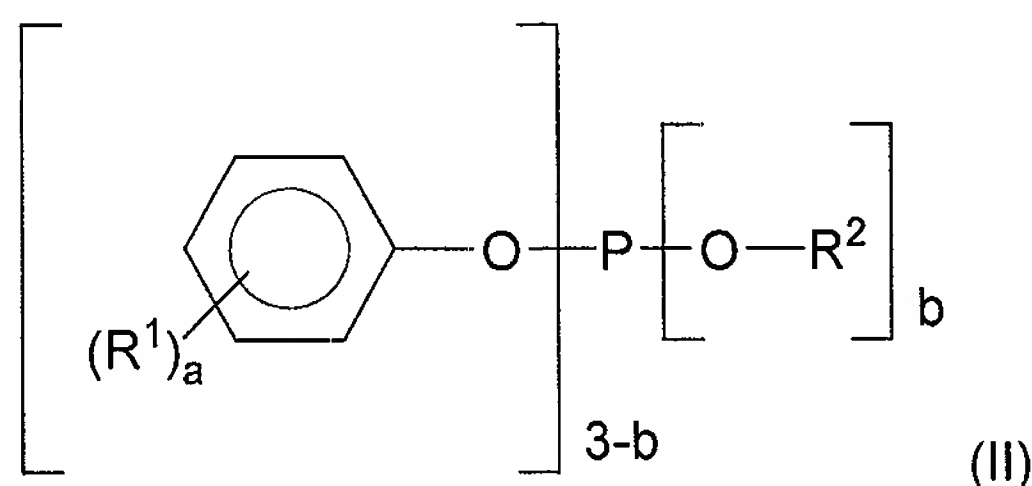


4. (original) The process of claim 3 wherein said phosphite is selected from the group consisting of ethoxy-paracumylphenyl diisodecyl phosphite and propoxy-paracumylphenyl diisodecyl phosphite.

5. (original) The process of claim 4 wherein said polymer resin is a halogenated resin.

6. (original) The process of claim 5 wherein said halogenated resin is polyvinyl chloride.

7. (currently amended) A process for reducing phenol emissions from a polymer resin comprising the step of adding at least one phosphite additive of formula (II) to said resin, wherein said formula (II) comprises:



wherein

$\text{R}^1$  is  $[[\text{R}^6]]$  is selected from the group consisting of  $\text{C}_{8-12}$  alkyls and  $\text{C}_{8-12}$  alkoxy compounds;

$\text{R}^2$  is selected from the group consisting of  $\text{C}_{8-16}$  alkyls;

$a$  is an integral value ranging from 1 to 4 inclusive; and

$b$  is an integral value ranging from 1 to 2 inclusive; and

$\text{R}^6$  ~~is selected from the group consisting of  $\text{C}_{8-12}$  alkyls and  $\text{C}_{8-12}$  alkoxy compounds.~~

8. (previously presented) The process of claim 7 wherein

$\text{R}^2$  is  $\text{C}_{10}\text{H}_{21}$ ; and

$a$  is 1.

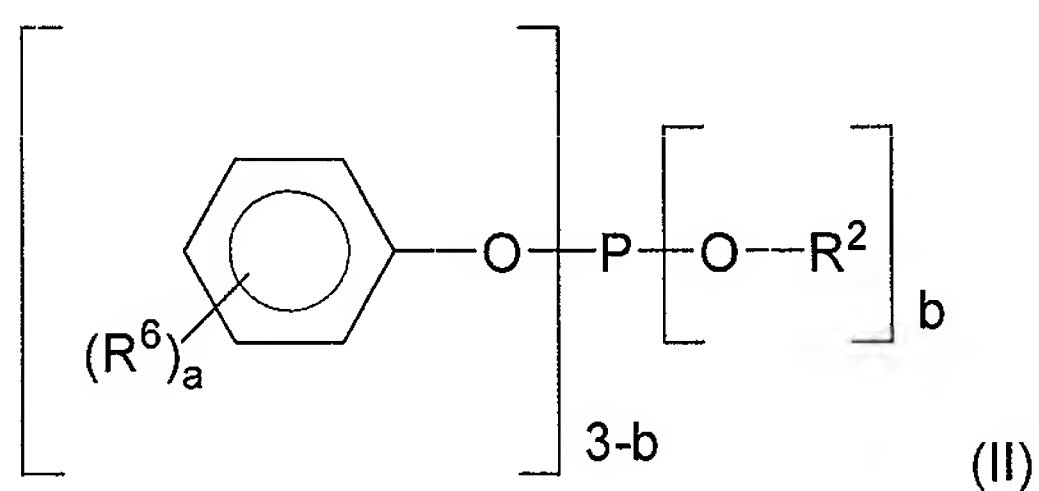
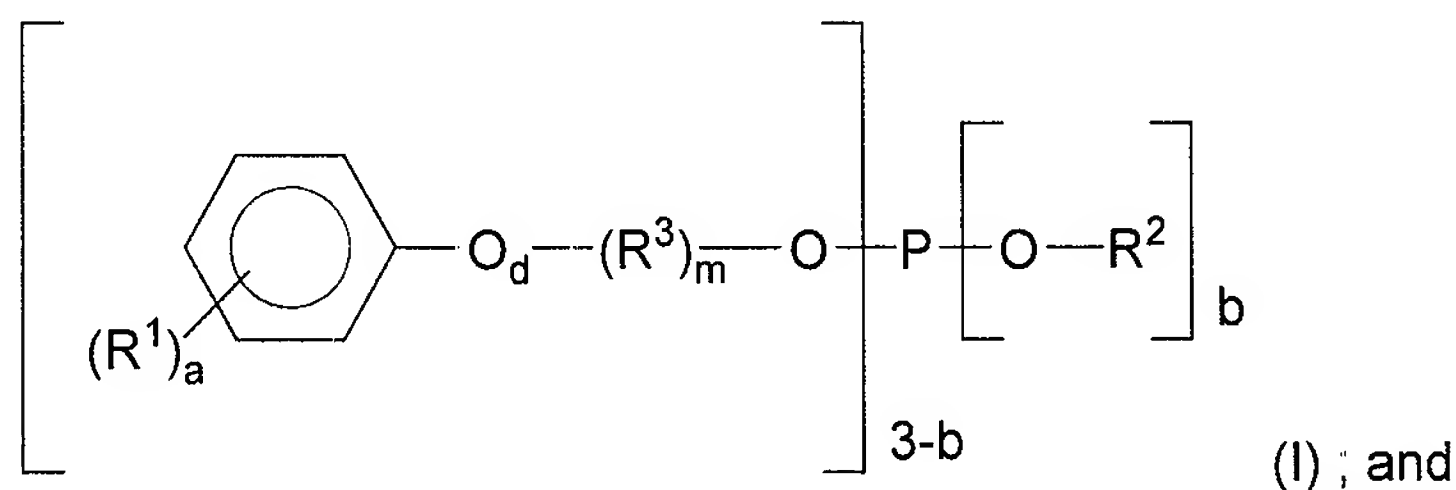
9. (deleted).

10. (previously presented) The process of claim 7 wherein said phosphite is selected from the group consisting of nonylphenyl diisodecyl phosphite, di-nonylphenyl diisodecyl phosphite, bis(nonylphenyl)isodecyl phosphite and bis(di-nonylphenyl)isodecyl phosphite.

11. (previously presented) The process of claim 7 wherein said polymer resin is a halogenated resin.

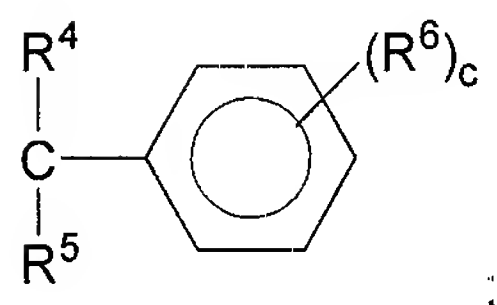
12. (original) The process of claim 11 wherein said halogenated resin is polyvinyl chloride.

13. (previously presented) A process for reducing phenol emissions from a polymer resin comprising the step of adding at least one phosphite additive to said resin, said at least one phosphite selected from the group consisting of formulas (I) and (II)



wherein

$\text{R}^1$  is



$\text{R}^2$  is selected from the group consisting of  $\text{C}_{8-16}$  alkyls;

$\text{R}^3$  is selected from the group consisting of  $\text{C}_{1-4}$  alkenes;

$m$  is 1;

$a$  is an integral value ranging from 1 to 4 inclusive;

$b$  is an integral value ranging from 1 to 2 inclusive;

$\text{R}^4$  and  $\text{R}^5$  are independently selected from the group consisting of  $\text{C}_{1-3}$  alkyls;

$\text{R}^6$  is selected from the group consisting of  $\text{C}_{8-12}$  alkyls and  $\text{C}_{8-12}$  alkoxy compounds;

$c$  is an integral value ranging from 0 to 4 inclusive; and

$d$  is equal to  $m$ .

14. (previously presented) The process of claim 13 wherein

$R^2$  is  $C_{10}H_{21}$ ;

$R^3$  is selected from the group consisting of ethylene and propylene;

a is 1;

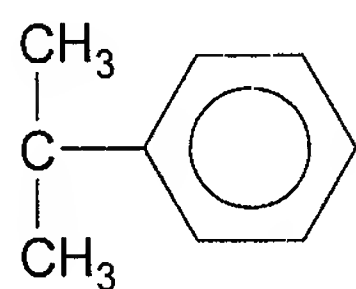
$R^4$  and  $R^5$  are methyl;

c is 0; and

d is 1.

15. (original) The process of claim 14 wherein

$R^1$  is



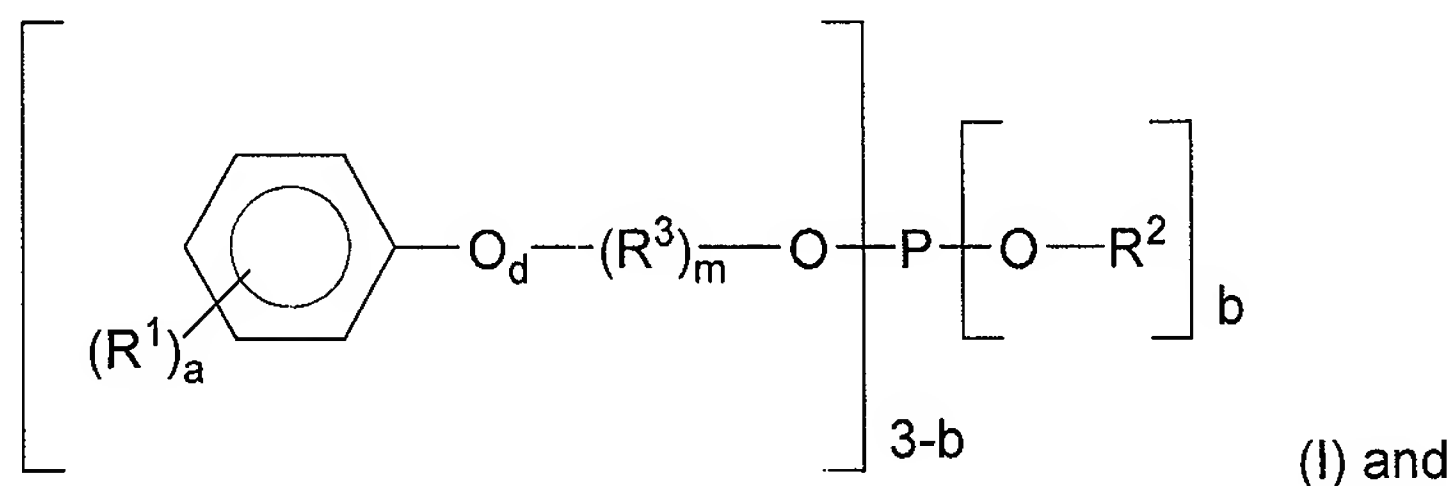
16. (previously presented) The process of claim 15 wherein said phosphite is selected from the group consisting of ethoxy-paracumylphenyl diisodecyl phosphite, and propoxy-paracumylphenyl diisodecyl phosphite.

17. (previously presented) The process of claim 13 wherein said polymer resin is a halogenated resin.

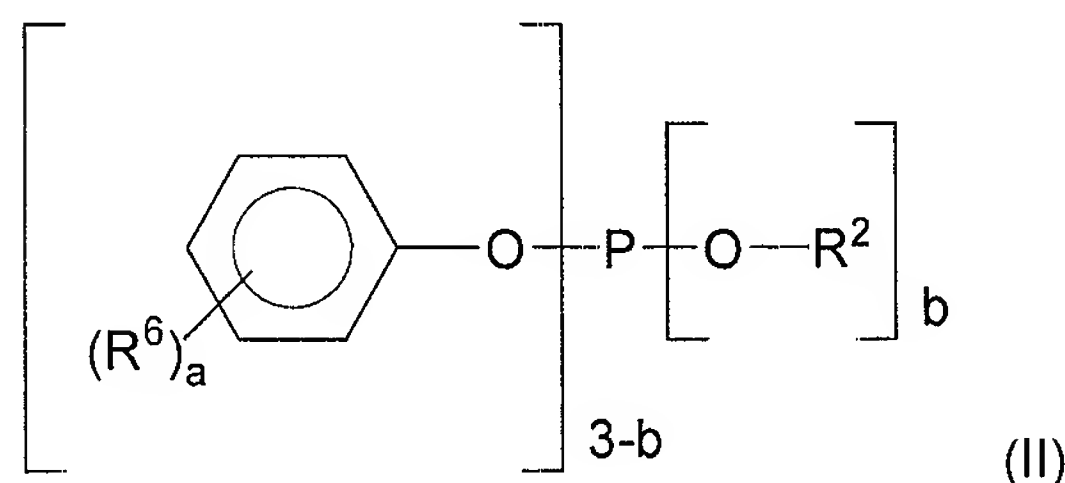
18. (original) The process of claim 17 wherein said halogenated resin is polyvinyl chloride.

19. (previously presented) A process for reducing the emission of phenol from a polymer resin which comprises replacing at least a portion of a phosphite additive which emits phenol from said resin with a phosphite composition selected from the group consisting of

formula (I)

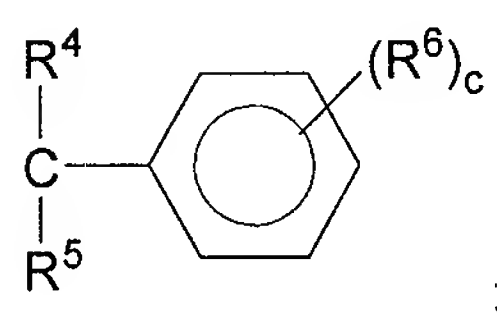


formula (II)



wherein

$\text{R}^1$  is



$\text{R}^2$  is selected from the group consisting of  $\text{C}_{8-16}$  alkyls;

$\text{R}^3$  is selected from the group consisting of  $\text{C}_{1-4}$  alkylenes;

$m$  is 1;

$a$  is an integral value ranging from 1 to 4 inclusive;

$b$  is an integral value ranging from 1 to 2 inclusive;

$\text{R}^4$  and  $\text{R}^5$  are independently selected from the group consisting of  $\text{C}_{1-3}$  alkyls;

$\text{R}^6$  is selected from the group consisting of  $\text{C}_{8-12}$  alkyls and  $\text{C}_{8-12}$  alkoxy compounds;

$c$  is an integral value ranging from 0 to 4 inclusive; and

$d$  is equal to  $m$ .

20. (previously presented) The process of claim 19 wherein

$R^2$  is  $C_{10}H_{21}$ ;

$R^3$  is selected from the group consisting of ethylene and propylene;

a is 1;

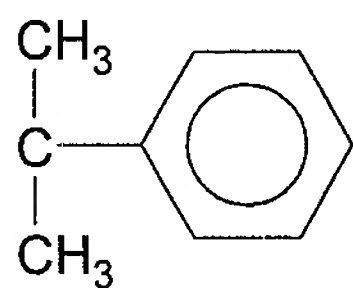
$R^4$  and  $R^5$  are methyl;

c is 0; and

d is 1.

21. (previously presented) The process of claim 20 wherein

$R^1$  is



22. (deleted).

23. (previously presented) The process of claim 21 wherein said phosphite is selected from the group consisting of ethoxy-paracumylphenyl diisodecyl phosphite and propoxy-paracumylphenyl diisodecyl phosphite.

24. (deleted).

25. (previously presented) The process of claim 19 wherein said polymer resin is a halogenated resin.

26. (original) The process of claim 25 wherein said halogenated resin is polyvinyl chloride.